CLAIMS:

1. A nasal spray formulation comprising:

a Dead Sea salt and mineral composition in aqueous solution.

2. The formulation of claim 1 where the aqueous solution is sterile.

3. The formulation of claim 1 defined further as containing a buffer.

4. The formulation of claim 3 where the buffer is to maintain a pH of from about 6.5 to about 7.5.

5. The formulation of claim 1 where the composition is from about 5.0 to about 50.0 grams per liter of aqueous solution.

6. The formulation of claim 1 where the composition is about 25.0 grams per liter of aqueous solution.

7. The formulation of claim 1 where the composition is essentially free of noxious organic impurities.

8. The formulation of claim 1 wherein said Dead Sea salt and mineral composition is further defined as including about 31-35% (wt/wt) magnesium halide, about 24-26% (wt/wt) potassium halide, about 4-8% (wt/wt) sodium halide, about 0.4-0.6% (wt/wt) calcium halide, the halide being about 0.3 -0.6% (wt/wt) bromide and about 99.4-99.7% (wt/wt) chloride.

9. A method of treating symptoms of adverse conditions affecting the nasal cavity and passageway, the method comprising the steps of identifying patient with an adverse nasal cavity conditions;

a. obtaining a premixed formulation containing a Dead Sea salt and mineral composition in aqueous solution; and

b. administering an aerosol formed from the formulation at least 1 time a day as symptoms of the patient persist.

10. The method of claim 9 wherein said conditions include rhinitis, sinusitis, epistaxis and post-surgical irritation.

11. The method of claim 9 wherein said Dead Sea salt and mineral composition is in sterile aqueous solution.

12. The method of claim 9 wherein said Dead Sea salt and mineral composition in aqueous solution contains a buffer.

13. The method of claim 12 wherein the buffer is to maintain a pH from about 6.5 to about 7.5.

14. The method of claim 9 wherein said Dead Sea salt and mineral composition in aqueous solution is from about 5.0 to about 50.0 grams of salt per liter of said aqueous solution.

15. The method of claim 9 wherein said Dead Sea salt and mineral composition in aqueous solution is about 12.0 grams of salt per 480 cc of said aqueous solution.

16. The method of claim 9 wherein said Dead Sea salt and mineral composition is further defined as including about 31-35% (wt/wt) magnesium halide, about 24-26% (wt/wt) potassium halide, about 4-8% (wt/wt) sodium halide, about 0.4-0.6% (wt/wt) calcium halide, the halide being about 0.3 -0.6% (wt/wt) bromide and about 99.4-99.7% (wt/wt) chloride.

17. The method of claim 9 wherein said Dead Sea salt and mineral composition in aqueous solution is essentially free of organic impurities.

18. A method for treating symptoms of adverse conditions of the nasal cavity and passageway with a Dead Sea salt and mineral composition in aqueous solution, the method comprising the steps of obtaining a premixed formulation containing a Dead Sea salt mineral composition in aqueous solution; and self administering an aerosol formed from said formulations nasally at least 1 time a day as symptoms persist.

19. The method for claim 18 wherein said conditions include rhinitis, sinusitis, epistaxis and post-surgical irritation.

20. The method of claim 18 wherein a Dead Sea salt mineral composition in aqueous solution is from about 5.0 to about 50.0 grams per liter of said aqueous solution.

21. The method of claim 18 wherein a Dead Sea salt mineral composition is in sterile aqueous solution.

22. The method of claim 18 wherein a Dead Sea salt mineral composition in aqueous solution contains a buffer.

23. The method of claim 22 wherein the buffer is to maintain a pH of from about 6.5 to about 7.5.

24. The method of claim 18 wherein a Dead Sea salt mineral composition in aqueous solution is about 25.0 grams per liter of said aqueous solution.

25. The method of claim 18 wherein said Dead Sea salt and mineral composition is further defined as including about 31-35% (wt/wt) magnesium halide, about 24-26% (wt/wt) potassium halide, about 4-8% (wt/wt) sodium halide, about 0.4-0.6% (wt/wt) calcium halide, the halide being about 0.3 -0.6% (wt/wt) bromide and about 99.4-99.7% (wt/wt) chloride.

26. The method of claim 18 wherein a Dead Sea salt mineral composition in aqueous solution is essentially free of noxious, organic impurities.

27. A method of producing a nasal spray formulation comprising Dead Sea salt in aqueous solution, the method comprising dissolving Dead Sea salt in aqueous solution and storing this premixed formulation in a container suitable for aerosol nasal administration.

28. The method of claim 27 wherein a Dead Sea salt mineral composition in aqueous solution is from about 0.5 to about 5 grams per liter of said aqueous solution.

29. The method of claim 27 wherein Dead Sea salt mineral composition in aqueous solution is about 25.0 grams per liter of said aqueous solution.

30. The method of claim 27 wherein Dead Sea salt mineral composition is in sterile aqueous solution.

31. The method of claim 27 wherein Dead Sea salt mineral composition in sterile aqueous solution contains a buffer.

32. The method of claim 31 wherein the buffer is to maintain a pH of from about 6.5 to about 7.5.

33. The method of claim 27 wherein said Dead Sea salt and mineral composition is further defined as including about 31-35% (wt/wt) magnesium halide, about 24-26% (wt/wt) potassium halide, about 4-8% (wt/wt) sodium halide, about 0.4-0.6% (wt/wt) calcium halide, and halide being about 0.3 -0.6% (wt/wt) bromide and about 99.4-99.7% (wt/wt) chloride.

34. The method of claim 27 wherein a Dead Sea salt mineral composition in aqueous solution is essentially free of noxious, organic impurities.

35. A nasal spray formulation comprising a Dead Sea salt and mineral composition having about 31-35% (wt/wt) magnesium halide, about 24-26% (wt/wt) potassium halide, about 4-8% (wt/wt) sodium halide, about 0.4-0.6% (wt/wt) calcium halide, the halide being about 0.3 -0.6% (wt/wt) bromide and about 99.4-99.7% (wt/wt) chloride, where said Dead Sea salt and mineral composition contains a buffer maintaining a pH from about 6.5 to 7.5 and is from about 5.0 to about 50.0 grams per liter of sterile aqueous solution and is essentially free of noxious, organic impurities.